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Inventor Information for 10/527269

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1	US 7153336 B2	20061226	Exhaust gas purifying apparatus, particulate filter and manufacturing method thereof	55/523	264/340; 264/628; 264/630; 264/631; 264/638; 422/177; 55/282.2; 55/282.3; 55/385.3; 55/487; 55/524; 55/DIG.10; 55/DIG.30; 55/DIG.5; 60/297; 60/311	Itoh; Kazuhiro et al.
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1	US 7141088 B2	20061128	Exhaust gas purifying apparatus	55/523	55/385.3; 55/524; 55/DIG.10; 55/DIG.30; 60/311	Nakatani; Koichiro et al.
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1	US 6021640 A	20000208	Exhaust gas purification device for an engine	60/300	60/286; 60/303; 60/320	Hirota; Shinya et al.
1	US 6010673 A	20000104	Method for purifying exhaust gas	423/213.5	423/239.1; 423/244.02	Kanazawa; Takaaki et al.
1	US 5996338 A	19991207	Exhaust gas purifying device for engine	60/285	60/300; 60/301	Hirota; Shinya
1	US 5995717 A	19991130	Image forming apparatus	358/1.9	347/116; 347/117; 347/118; 347/119; 347/138; 347/154; 347/234; 358/1.1; 358/1.12; 358/1.4; 358/1.5	Tanaka; Toshiaki
1	US 5974791 A	19991102	Exhaust gas purification device for an internal combustion engine	60/276	60/286; 60/289; 60/301; 60/303	Hirota; Shinya et al.
1	US 5941067 A	19990824	Exhaust gas purification device for an engine	60/286	60/274; 60/277; 60/285; 60/303	Hirota; Shinya et al.
1	US 5934072 A	19990810	Exhaust gas purifying device for engine	60/301	60/278; 60/280; 60/287; 60/291; 60/292	Hirota; Shinya et al.
1	US 5918495 A	19990706	Multistage gear- rolling apparatus	72/108	72/110	Miyamoto; Noritaka et al.
1	US 5911960 A	19990615	Process for purifying exhaust gases	423/213.5	423/213.2; 423/239.1	Miyoshi; Naoto et al.
1	US 5908993 A	19990601	Apparatus for measuring total surface area of a portion of catalytic metal particles	73/865.5	73/38	Takeshima; Shinichi et al.

1	US 5884476 A	19990323	Exhaust gas purifying device for engine	60/278	60/285; 60/286; 60/301	Hirota; Shinya et al.
1	US 5850735 A	19981222	Method for purifying exhaust gas of an internal combustion engine	60/274	60/286; 60/297; 60/301; 60/311	Araki; Yasushi et al.
1	US 5849661 A	19981215	Automotive exhaust catalyst	502/328	502/330; 502/332; 502/333; 502/334; 502/344; 502/348	Yamashita; Tetsuya et al.
1	US 5841177 A	19981124	Multicolor light emitting device	257/431	257/100; 257/81; 257/88; 257/89; 257/95; 257/99; 257/E25.02; 257/E33.059	Komoto; Satoshi et al.
1	US 5839275 A	19981124	Fuel injection control device for a direct injection type engine	60/285	123/300; 60/284	Hirota; Shinya et al.
1	US 5824168 A	19981020	Process for gear-rolling a high accuracy gear	148/573	29/893.32; 72/108	Miyamoto; Noritaka et al.
1	US 5806310 A	19980915	Exhaust purification apparatus	60/286	60/301; 60/303	Daidou; Shigeki et al.
1	US 5782087 A	19980721	Device for purifying exhaust gas of an engine	60/276	60/285; 60/297	Kinugasa; Yukio et al.
1	US 5763901 A	19980609	Semiconductor light-emitting device and method for manufacturing the device	257/99	257/666; 257/787; 257/81; 257/89; 257/E25.028; 257/E33.059; 257/E33.066	Komoto; Satoshi et al.
1	US 5717780 A	19980210	Checking apparatus for flat type display panels	382/141	348/92; 348/E17.004; 348/E17.005; 348/E5.135; 382/148; 382/149;	Mitsumune; Toshifumi et al.

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1	US 5715679 A	19980210	Exhaust purification device of an engine	60/276	60/285; 60/297; 60/301	Asanuma; Takamitsu et al.
1	US 5713199 A	19980203	Device for detecting deterioration of NO.sub.x absorbent	60/276	60/277; 60/285; 60/297; 60/301	Takeshima; Shinichi et al.
1	US 5702675 A	19971230	Catalyst for purifying exhaust gases and process for producing the same	423/213.5	423/213.7	Takeshima; Shinichi et al.
1	US 5690756 A	19971125	Method for producing cast iron gear	148/586	148/211; 148/212; 148/230; 148/615	Fujiwara; Yasuyuki et al.
1	US 5668353 A	19970916	Input panel avoiding interference pattern and method of forming the same	178/18.05	345/173; 345/174; 345/175	Matsuda; Genichi et al.
1	US 5628003 A	19970506	Document storage and retrieval system for storing and retrieving document image and full text data	707/104.1	382/181; 382/230; 382/306	Fujisawa; Hiromichi et al.
1	US 5575349 A	19961119	Soundproof type water-cooled engine generator	180/68.1	123/41.7; 180/296; 180/68.4; 180/89.2; 181/204	Ikeda; Takatoshi et al.
1	US 5494824 A	19960227	Apparatus for measuring aldehyde	435/288.7	422/52; 422/81; 422/82.05; 422/82.08; 422/93; 435/287.9; 435/808	Tanaka; Toshiaki et al.
1	US 5473960 A	19951212	Steering rack shaft and method of manufacturing the same	74/422	148/572; 148/573; 219/640; 266/125; 266/129; 74/498	Sakamoto; Hideji et al.
1	US 5473890	19951212	Exhaust purification device of internal	60/285	60/286; 60/297;	Takeshima; Shinichi et al.

	A		combustion engine		60/301; 60/311	
1	US 5473887 A	19951212	Exhaust purification device of internal combustion engine	60/276	60/285; 60/297; 60/301	Takeshima; Shinichi et al.
1	US 5471836 A	19951205	Exhaust purification device of internal combustion engine	60/297	422/169; 423/212; 60/285; 60/286	Takeshima; Shinichi et al.
1	US 5451724 A	19950919	Touch panel for detecting a coordinate of an arbitrary position where pressure is applied	178/18.05	341/34; 345/173; 345/179	Nakazawa; Fumihiko et al.
1	US 5450722 A	19950919	Exhaust purification device of internal combustion engine	60/285		Takeshima; Shinichi et al.
1	US 5437153 A	19950801	Exhaust purification device of internal combustion engine	60/276	60/285; 60/286; 60/297; 60/301	Takeshima; Shinichi et al.
1	US 5433074 A	19950718	Exhaust gas purification device for an engine	60/301	422/169; 423/213.7; 60/285; 60/286; 60/289; 60/297	Seto; Satomi et al.
1	US 5432530 A	19950711	Pointing device and method of control of same	345/159	273/148B	Arita; Takashi et al.
1	US 5406790 A	19950418	Exhaust gas purification device for an engine	60/276	60/277; 60/286; 60/301	Hirota; Shinya et al.
1	US 5404719 A	19950411	Engine exhaust gas purification device	60/276	123/676; 60/277; 60/285; 60/286; 60/289	Araki; Yasushi et al.
1	US 5402641 A	19950404	Exhaust gas purification apparatus for an internal combustion engine	60/285	60/277; 60/297; 60/301	Katoh; Kenji et al.
1	US 5388406 A	19950214	NOx decreasing apparatus for an internal combustion engine	60/297	422/169; 423/212; 60/288; 60/301;	Takeshima; Shinichi et al.

					60/311	
1	US 5365733 A	19941122	Exhaust gas purification system for an internal combustion engine	60/278	422/171; 60/288; 60/301	Takeshima; Shinichi et al.
1	US 5331656 A	19940719	Very short wavelength semiconductor laser	372/45.012	372/46.01	Tanaka; Toshiaki
1	US 5316513 A	19940531	Electrothermal color-varying device and toy utilizing the same	446/14	428/31; 428/913; 446/219; 446/484	Nakagawa; Tanehiro et al.
1	US 5265242 A	19931123	Document retrieval system for displaying document image data with inputted bibliographic items and character string selected from multiple character candidates	707/3	382/231; 382/305; 707/104.1; 715/530	Fujisawa; Hiromichi et al.
1	US 5235653 A	19930810	Document analysis system	382/175	382/209	Nakano; Yasuaki et al.
1	US 5233830 A	19930810	Exhaust gas purification system for an internal combustion engine	60/278	422/171; 60/288; 60/301	Takeshima; Shinichi et al.
1	US 5211010 A	19930518	Exhaust gas purification system for a diesel engine	60/280	60/277; 60/284; 60/285; 60/286; 60/301	Hirota; Shinya
1	US 5205988 A	19930427	Apparatus for measuring gaseous aldehyde	422/91	422/255; 422/82; 422/82.08; 422/88; 435/807; 436/128; 436/130; 436/178; 436/52; 436/53	Tanaka; Toshiaki et al.
1	US 5201802 A	19930413	Exhaust gas purification system for an internal	60/276	60/277; 60/285; 60/287;	Hirota; Shinya et al.

			combustion engine		60/298; 60/300; 60/301	
1	US 5196971 A	19930323	Tape loading mechanism for use in magnetic recording/reproducing apparatus having tape control features for preventing damage to tape	360/85	360/130.23; 360/95	Tsuchiya; Yuzo et al.
1	US 5189876 A	19930302	Exhaust gas purification system for an internal combustion engine	60/286	60/303	Hirota; Shinya et al.
1	US 5186233 A	19930216	Method of producing spheroidal graphite cast iron article	164/58.1	164/55.1	Obata; Fumio et al.
1	US 5157679 A	19921020	Optoelectronic devices	372/43.01	257/E33.003	Kondow; Masahiko et al.
1	US 5149504 A	19920922	Apparatus for assessing gas odor intensity	422/88	422/83; 73/23.31; 73/23.34	Tanaka; Toshiaki
1	US 5141906 A	19920825	Catalyst for purifying exhaust gas	502/62	502/75	Takeshima; Shinichi et al.
1	US 5130761 A	19920714	Led array with reflector and printed circuit board	257/88	257/100; 257/724; 257/787; 257/926; 257/98; 257/99; 257/E25.02; 257/E33.067; 313/500; 313/512; 355/67; 355/70; 362/296; 362/300; 362/301; 362/800	Tanaka; Toshiaki
1	US 5129016 A	19920707	System for registration of documents	382/306	358/403; 382/284	Murakami; Tatsuya et al.

1	US 5106755 A	19920421	Method of assessing gas odor intensity	436/137	436/141; 436/142; 436/163; 436/44; 73/23.31; 73/23.34	Tanaka; Toshiaki
1	US 5100612 A	19920331	Spheroidal graphite cast iron	420/13	420/18	Obata; Fumio et al.
1	US 5065007 A	19911112	Apparatus for measuring light output from semiconductor light emitting element	250/215	324/767	Tanaka; Toshiaki
1	US 4985863 A	19910115	Document storage and retrieval system	707/5	382/229	Fujisawa; Hiromichi et al.
1	US 4970662 A	19901113	X-Y plotter	346/139R		Tanaka; Toshiaki et al.
1	US 4967241 A	19901030	Semiconductor light emitting device	257/85	257/461; 257/96; 257/E33.006; 257/E33.076	Kinoshita; Hideaki et al.
1	US 4961197 A	19901002	Semiconductor laser device	372/45.01	257/21; 257/22; 372/46.01	Tanaka; Toshiaki et al.
1	US 4952767 A	19900828	EDM with an electromagnetic shield of hollow ferrite beads floating on dielectric fluid	219/69.11	174/391; 219/69.14	Uemoto; Kazuhiko et al.
1	US 4945199 A	19900731	Electric discharge machining method and device	219/69.13		Tanaka; Toshiaki et al.
1	US 4933984 A	19900612	Document analysis system	382/175	382/317	Nakano; Yasuaki et al.
1	US 4917068 A	19900417	Unit injector for an engine	123/506	123/500	Takahashi; Takeshi et al.
1	US 4907305 A	19900313	Bubbling bathtub system	4/541.4	137/171; 261/36.1; 261/DIG.75; 4/492; 4/541.3;	Teramachi; Keiichi et al.

					4/541.5; 601/157	
1	US 4907285 A	19900306	Image understanding system	382/176	358/453; 382/180; 382/282	Nakano; Yasuaki et al.
1	US 4906954 A	19900306	Directional coupler device	333/116	330/295	Tanaka; Toshiaki et al.
1	US 4884538 A	19891205	Diesel engine swirl chamber	123/263	123/280	Tanaka; Toshiaki
1	US 4875444 A	19891024	Swirl chamber for diesel engines and the like	123/270	123/271; 123/273	Tsuchida; Hirofumi et al.
1	US 4860220 A	19890822	Apparatus for displaying three- dimensional objects	345/420	345/419; 345/421	Tanaka; Toshiaki et al.
1	US 4832855 A	19890523	Immersion oil for microscopy	252/1	374/4	Tanaka; Toshiaki
1	US 4814667 A	19890321	Light emitting diode array having uniform illuminance distribution	313/500	250/578.1; 257/E25.02; 313/512; 355/67; 355/70; 362/252; 362/800	Tanaka; Toshiaki
1	US 4803316 A	19890207	Push button switch using dome spring and switch element thereof	200/406	200/345; 200/533	Hayashi; Kazutoshi et al.
1	US 4789490 A	19881206	Immersion oil composition having low fluorescence emissions for microscope	252/408.1	252/582; 252/589	Tanaka; Toshiaki
1	US 4785776 A	19881122	Diesel engine having shaped flame dispersing recess in piston crown	123/269	123/262	Tokura; Naomi et al.
1	US 4780879 A	19881025	Semiconductor laser device having little astigmatism	372/46.01	372/108; 372/92	Chinone; Naoki et al.
1	US 4730094 A	19880308	Electric spark machining apparatus	219/69.14	204/224M	Aramaki; Jun et al.

1	US D293420 S	19871229	Watch case	D10/39	D10/30	Tanaka; Toshiaki
1	US D293419 S	19871229	Watch case	D10/39	D10/30	Tanaka; Toshiaki
1	US 4685437 A	19870811	Intake air heater for internal combustion engine with perforated plate heater element partially traversing air passage	123/549	123/556	Tanaka; Toshiaki et al.
1	US 4676209 A	19870630	Transfer passage arrangement for diesel engine having swirl chamber	123/293	123/262; 123/269	Etoh; Yukihiro et al.
1	US 4667644 A	19870526	Intake air heating apparatus	123/549	123/556; 219/206; 219/541	Hori; Makoto et al.
1	US 4662330 A	19870505	Diesel engine having swirl chamber and shaped flame dispersing recess in piston crown	123/269	123/262	Shioyama; Giichi et al.
1	US 4654873 A	19870331	System and method for segmentation and recognition of patterns	382/178	382/209	Fujisawa; Hiromichi et al.
1	US 4635598 A	19870113	Swirl chamber arrangement for diesel engine or the like	123/293	123/261; 123/262; 123/285; 123/286	Tanaka; Toshiaki et al.
1	US 4564341 A	19860114	Fuel injection pump for an internal combustion engine	417/462	123/300; 123/450; 417/221	Tanaka; Toshiaki
1	US 4557230 A	19851210	Swirl chamber for internal combustion engine	123/263	123/286; 123/293	Etoh; Yukihiro et al.
1	US 4541375 A	19850917	Diesel engine swirl chamber having improved multiple transfer passage arrangement	123/261	123/286; 123/293	Tanaka; Toshiaki
1	US 4531491	19850730	Fuel injection rate control system for an	123/357	123/450; 123/494;	Iiyama; Akihiro et al.

	A		internal combustion engine		324/207.2; 324/207.22; 417/462; 73/119A	
1	US 4531488 A	19850730	Fuel injection pump for an internal combustion engine	123/300	123/357; 123/502; 417/462	Kawamura; Yoshihisa et al.
1	US 4530324 A	19850723	Fuel injection pump for an internal combustion engine	123/300	123/450; 123/501; 417/462	Tanaka; Toshiaki et al.
1	US 4529849 A	19850716	Push-button switch and a keyboard comprising the same	200/5A	200/517; 200/535	Kamei; Seisuke et al.
1	US 4498256 A	19850212	Item input device for a data processing system	40/475	40/378; 40/532	Tanaka; Toshiaki et al.
1	US 4475973 A	19841009	Method for production of a fluid separation module	156/184	156/187; 156/192; 210/497.1	Tanaka; Toshiaki et al.
1	US 4436060 A	19840313	Engine cooling system	123/41.1	123/198F; 123/41.44	Tanaka; Toshiaki et al.
1	US 4425885 A	19840117	Diesel engine fuel injection device	123/299	123/446	Tanaka; Toshiaki et al.
1	US 4408973 A	19831011	Injection molding machine	425/139	D15/135	Tanaka; Toshiaki
1	US 4385600 A	19830531	Split type internal combustion engine	123/198F	123/481	Sugasawa; Fukashi et al.
1	US 4366788 A	19830104	Internal combustion engine	123/198F	123/572	Tanaka; Toshiaki et al.
1	US 4348994 A	19820914	Internal combustion engine	123/198F	261/23.2	Tanaka; Toshiaki et al.
1	US 4344393 A	19820817	Internal combustion engine	123/672	123/198F; 123/481	Etoh; Yukihiro et al.
1	US 4337740 A	19820706	Internal combustion engine	123/672	123/198F; 123/481	Sugasawa; Fukashi et al.
1	US 4335687 A	19820622	Internal combustion engine	123/198F	123/179.17; 123/179.3	Sugasawa; Fukashi et al.

1	US 4333428 A	19820608	Internal combustion engine	123/198F		Tanaka; Toshiaki et al.
1	US 4322628 A	19820330	Photo-electric coupling device	250/551	257/724; 257/82; 257/E31.103	Tanaka; Toshiaki
1	US 4320726 A	19820323	Internal combustion engine	123/672	123/198F; 123/568.15; 123/568.27	Etoh; Yukihiro et al.
1	US 4304208 A	19811208	Internal combustion engine	123/681	123/198F; 123/698	Etoh; Yukihiro et al.
1	US 4303053 A	19811201	Split mode internal combustion engine with improved NO.sub.x reduction means	123/568.2	123/198F	Etoh; Yukihiro et al.
1	US 4292938 A	19811006	Internal combustion engine	123/481	123/198F	Tanaka; Toshiaki et al.
1	US 4257372 A	19810324	Internal combustion engine exhaust passage structure	123/198F	60/278; 60/288	Etoh; Yukihiro et al.
1	US 4201165 A	19800506	Internal combustion engine with dual induction system and with EGR system	123/308	123/568.29	Tanaka; Toshiaki et al.
1	US 4153897 A	19790508	Method and device for detecting the similarity between standard and unknown patterns	382/216	382/218	Yasuda; Michio et al.
1	US 3965962 A	19760629	Process for producing ductile iron casting	164/55.1	420/22	Tanaka; Toshiaki et al.
1	US 3925615 A	19751209	Multi-channel sound signal generating and reproducing circuits	381/23		Nakano; Yasuaki
1	US 3846752 A	19741105	CHARACTER RECOGNITION APPARATUS	382/206	382/209; 382/280	Nakano; Yasuaki et al.
1	US 3824410 A	19740716	FREQUENCY TO VOLTAGE CONVERTER WITH MEANS FOR PRESCRIBING	327/102	331/18; 331/25	Funaki; Hidefumi et al.

			PULSE WIDTH AGAINST FLUCTUATIONS			
1	US 3803553 A	19740409	CHARACTER RECOGNITION APPARATUS	382/206	382/224	Nakano; Yasuaki et al.
1	US 3581192 A	19710525	FREQUENCY SPECTRUM ANALYZER WITH DISPLAYABLE COLORED SHIFTABLE FREQUENCY SPECTROGRAM	324/76.31	324/76.15; 324/76.24; 324/76.45; 324/76.46; 324/76.68; 348/462; 704/246	Miura; Tanetoshi et al.
1	US 3532835 A	19701006	SIGNAL RESPONSIVE CONTROL DEVICE FOR DISCONNECTING A REPRODUCER FOR PREDETERMINED TIME PERIODS [TEXT AVAILABLE IN USOCR DATABASE]	360/74.4	369/47.46; 369/53.44	KOSHIKSWA TSUNEJI et al.